SPYWOLF

Security Audit Report

Completed on

June 18, 2023

OVERVIEW

This audit has been prepared for **SCAM** to review the main aspects of the project to help investors make make an informative decision during their research process.

You will find a a summarized review of the following key points:

- ✔ Contract's source code
- ✔ Owners' wallets
- ✔ Tokenomics
- ✔ Team transparency and goals
- ✔ Website's age, code, security and UX
- ✔ Whitepaper and roadmap
- ✔ Social media & online presence

The results of this audit are purely based on the team's evaluation and does not guarantee nor reflect the projects outcome and goal

- SPYWOLF Team -

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SCAM (LOCKER)

PROJECT DESCRIPTION

According to their website:

S.C.A.M (Some Cryptos Aren't Memes), is a cryptocurrency project focused on creating a safer environment in the blockchain and cryptocurrency industry. S.C.A.M. aims to raise awareness about fraudulent activities and scams while providing reimbursements to victims. With a unique approach combining transparency, community involvement, and vigilant research, S.C.A.M seeks to disrupt the industry and establish a new standard of trustworthiness

Release Date: Presale starts in June, 2023

Category: Security

CONTRACT INFO

Token Name	Symbol
N/A	N/A

Contract Address
0xd496f9914109224b5b03edbd2fd0f7d5a10ae673

Network	Language
Ethereum	Solidity

Deployment Date	Verified?
Jun 12, 2023	Yes

Total Supply	Status
N/A	Deployed

TAXES

Buy Tax
none

Sell Tax
none

Our Contract Review Process

The contract review process pays special attention to the following:

- Testing the smart contracts against both common and uncommon vulnerabilities
- Assessing the codebase to ensure compliance with current best practices and industry standards.
- Ensuring contract logic meets the specifications and intentions of the client.
- Cross referencing contract structure and implementation against similar smart contracts produced by industry leaders.
- Thorough line-by-line manual review of the entire codebase by industry experts.

Blockchain security tools used:

- OpenZeppelin
- Mythril
- Solidity Compiler
- Hardhat

TOKEN TRANSFERS STATS

Transfer Count	N/A
Uniq Senders	N/A
Uniq Receivers	N/A
Total Amount	N/A
Median Transfer Amount	N/A
Average Transfer Amount	N/A
First transfer date	N/A
Last transfer date	N/A
Days token transferred	N/A

SMART CONTRACT STATS

Calls Count	2
External calls	2
Internal calls	0
Transactions count	2
Uniq Callers	1
Days contract called	1
Last transaction time	2023-06-12 20:49:35 UTC
Created	2023-06-12 20:48:11 UTC
Create TX	0x0f4115ee9ff72063eb2c2910b5570157ad503cd36073519b42fa490064fef898
Creator	0xe43b8250a2e7e876665c437892c29188941237a3

VULNERABILITY CHECK

Design Logic	Passed
Compiler warnings.	Passed
Private user data leaks	Passed
Timestamp dependence	Passed
Integer overflow and underflow	Passed
Race conditions and reentrancy. Cross-function race conditions	Passed
Possible delays in data delivery	Passed
Oracle calls	Passed
Front running	Passed
DoS with Revert	Passed
DoS with block gas limit	Passed
Methods execution permissions	Passed
Economy model	Passed
Impact of the exchange rate on the logic	Passed
Malicious Event log	Passed
Scoping and declarations	Passed
Uninitialized storage pointers	Passed
Arithmetic accuracy	Passed
Cross-function race conditions	Passed
Safe Zeppelin module	Passed
Fallback function security	Passed

THREAT LEVELS

When performing smart contract audits, our specialists look for known vulnerabilities as well as logical and access control issues within the code. The exploitation of these issues by malicious actors may cause serious financial damage to projects that failed to get an audit in time. We categorize these vulnerabilities by the following levels:

High Risk

Issues on this level are critical to the smart contract's performance/functionality and should be fixed before moving to a live environment.

Medium Risk

Issues on this level are critical to the smart contract's performance/functionality and should be fixed before moving to a live environment.

Low Risk

Issues on this level are minor details and warning that can remain unfixed.

Informational

Information level is to offer suggestions for improvement of efficacy or security for features with a risk free factor.

Informational

Owner can collect fees for each locked open position in the Uniswap V3 positions contract.

```
function collectFromAllPositions() external onlyOwner{
    uint256[] memory openPositions = getOpenPositions();
    uint256 amount0;
    uint256 amount1;
    for(uint256 i = 0; i < openPositions.length; i++){
        (amount0, amount1) = positionsContract.collect(Structs.CollectParams({
            tokenId: openPositions[i],
            recipient: msg.sender,
            amount0Max: type(uint128).max,
            amount1Max: type(uint128).max
        }));
        emit HarvestedFees(amount0,amount1);
    }
}

    function collectFromSinglePosition(uint256 _tokenId) external onlyOwner{
    uint256 amount0;
    uint256 amount1;
    (amount0, amount1) = positionsContract.collect(Structs.CollectParams({
        tokenId: _tokenId,
        recipient: msg.sender,
        amount0Max: type(uint128).max,
        amount1Max: type(uint128).max
    }));
    emit HarvestedFees(amount0,amount1);
}
```

Informational

Owner can withdraw ETH from the contract.

```
function sendEth() external onlyOwner {
    bool success;
    (success, ) = msg.sender.call{value: address(this).balance}("");
    require(success, "withdraw unsuccessful");
}
```

Owner can withdraw any tokens from the contract.

```
function transferForeignToken(address _token, address _to) external onlyOwner {
    require(_token != address(0), "_token address cannot be 0");
    uint256 _contractBalance = IERC20(_token).balanceOf(address(this));
    SafeERC20.safeTransfer(IERC20(_token),_to, _contractBalance);
}
```

RECOMMENDATIONS FOR

GOOD PRACTICES

1. Consider fundamental tradeoffs
2. Be attentive to blockchain properties
3. Ensure careful rollouts
4. Keep contracts simple
5. Stay up to date and track development

SCAM

GOOD PRACTICES FOUND

- ✔ The owner cannot mint new tokens after deployment
- ✔ The owner cannot stop or pause the contract
- ✔ The owner can set a transaction limit, but can’t lower it than 1% of total supply
- ✔ The smart contract utilizes "SafeMath" to prevent overflows

There is no information about initial tokens distribution based on the project's whitepaper and/or website.

TOKENOMICS

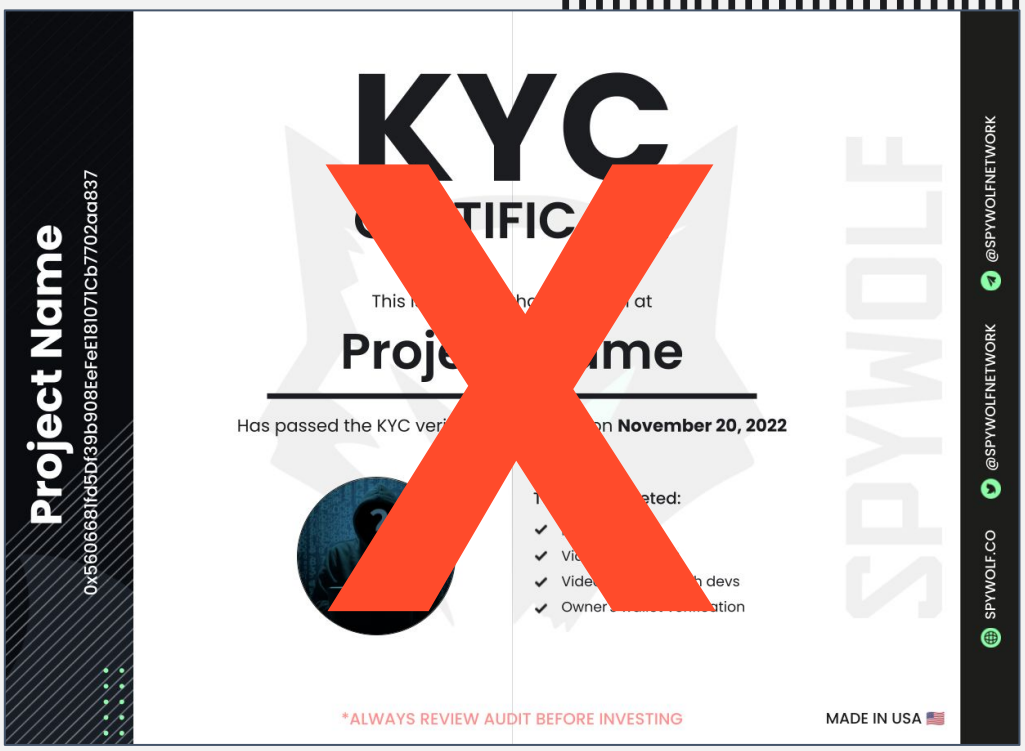
THE TEAM

⚠️ The team is annonymous

KYC INFORMATION

⚠️ No KYC

We recommend the team to get a KYC in order to ensure trust and transparency within the community.



WEBSITE

Website URL
https://scamcoin.io/

Domain Registry
https://www.namecheap.com/

Domain Expiration
2024-05-25

Technical SEO Test
Passed

Security Test
Passed. SSL certificate present

Design
Single page design with appropriate color scheme and graphics.

Content
Not much information about the project in their webpage. No grammar mistakes found.

Whitepaper
Yes, explanatory.

Roadmap
Yes, goals set without time frames.

Mobile-friendly?
Yes

scamcoin.io

SOCIAL MEDIA

& ONLINE PRESENCE

ANALYSIS

Project's social media pages are active

Twitter

@scamcoin_eth

- 1 157 followers
- Active
- Posts frequently

Discord

- Not available

Telegram

@SCAMCOIN_ETH

- 2 755 members
- Active members
- Active mods

Medium

- Not available

SPYWOLF

CRYPTO SECURITY

Audits | KYCs | dApps
Contract Development

ABOUT US

We are a growing crypto security agency offering audits, KYCs and consulting services for some of the top names in the crypto industry.

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Disclaimer

This report shows findings based on our limited project analysis, following good industry practice from the date of this report, in relation to cybersecurity vulnerabilities and issues in the framework and algorithms based on smart contracts, overall social media and website presence and team transparency details of which are set out in this report. In order to get a full view of our analysis, it is crucial for you to read the full report.
While we have done our best in conducting our analysis and producing this report, it is important to note that you should not rely on this report and cannot claim against us on the basis of what it says or doesn't say, or how we produced it, and it is important for you to conduct your own independent investigations before making any decisions. We go into more detail on this in the disclaimer below – please make sure to read it in full.

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No applications were reviewed for security. No product code has been reviewed.